

Abstract

(refers to Figure 7)

A lubrication system comprises a reservoir for  
5 lubricant, lubricant delivery means to deliver lubricant to  
at least one component to be lubricated, an injector  
associated with each component, a control system to control  
the opening and closing of each injector and scavenge means  
to remove surplus lubricant from around each component and  
10 return it to the reservoir. Each injector comprises a  
pulsative injector, controlled by the control system to  
deliver lubricant to its associated component in a series  
of discrete pulses. In a preferred embodiment both the  
delivery of oil to each component and the scavenging of oil  
15 from each component are controlled in response to sensed  
conditions of that component.